

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L11	193	703/1.ccls. and @pd>"20080720"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/02/23 15:47
L12	24	(design with knowledge with capture) and @pd>"20080720"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/02/23 16:16
L13	1	(design with rationale with capture) and @pd>"20080720"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/02/23 16:20


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[Capturing **design rationale** in concurrent engineering teams-](#) ► [mit.edu](#) [PDF]

M Klein - Computer, 1993 - [ieeexplore.ieee.org](#)

... Intensified global competition and increasingly complex artifacts are making it more critical to **capture the design rationale** in a highly usable form. ...

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[A Survey of **Design Rationale** Systems: Approaches, Representation, **Capture** and Retrieval-](#)

► [drexel.edu](#) [PDF]

WC Regli, X Hu, M Atwood, W Sun - Engineering with Computers, 2000 - Springer

... Further, we attempt to abstract the place of systems and tools for **design rationale capture** and retrieval in the context of contemporary knowledge-based ...

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[PS] ► [Design Rationale Capture as Knowledge Acquisition: Tradeoffs in the Design of Interactive Tools](#)

TR Gruber, Stanford University - 1991 - [ksl.stanford.edu](#)

... Report No. KSL 91-47 **Design Rationale Capture** as Knowledge ... 1 **Design Rationale Capture** as Knowledge Acquisition: Tradeoffs in the **Design** of Interactive Tools ...

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[What's in **Design Rationale**?](#)

J Lee, KY Lai - Human-Computer Interaction, 1991 - Lawrence Earlbaum

... and Conklin (1990) describes logical as well as historical aspects of **design rationale**, as we ... record only because one of their goals is to **capture** and document ...

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[BOOK] [Design rationale: concepts, techniques, and use](#)

TP Moran, JM Carroll

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[CITATION] [Design Rationale Capture and Use](#)

J Lee - AI Magazine, 1993

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[An empirical evaluation of **design rationale** documents-](#) ► [acm.org](#) [HTML]

L Karsenty - Proceedings of the SIGCHI conference on Human factors in ..., 1996 - [portal.acm.org](#)

... 2. Boose, JH, Bradshaw, J., and Shema DB Knowledge-based **Design Rationale Capture**: Automating Engineering Trade Studies. In: Green ...

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[Design Rationale Systems: Understanding the Issues](#)

J Lee - IEEE EXPERT, 1997 - [doi.ieeecomputersociety.org](#)

... survey of major existing **design rationale** systems and discussions with workshop participants, including those in the 1992 AAAI **Design Rationale Capture** and Use ...

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A Process-Oriented Approach to Design Rationale

EJ Conklin, KCB Yakemovic - Human-Computer Interaction, 1991 - informaworld.com
... been resolved). Mostow (1985) described an approach to **design** in which A1 techniques are used to **capture** and structure the **design rationale**. ...

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[PDF] ► Argumentation-based design rationale: what use at what cost

SB Shum, N Hammond - International Journal of Human-Computer Studies, 1994 - kmi.open.ac.uk
... between notations lie in the constructs chosen to **capture** arguments, which ... **Design rationale** approaches need to demonstrate their utility, both for those who ...

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Key authors: [J Lee](#) - [E Conklin](#) - [T Moran](#) - [M Klein](#) - [J Carroll](#)

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[CITATION] **Knowledge-based design rationale capture: Automating engineering trade studies**

JH Boose, JM Bradshaw, DB Shema - **Knowledge-Aided Design**, 1992

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[PDF] ► **Exploiting architectural design knowledge to support self-repairing systems**

B Schmerl, D Garlan - **ACM International Conference Proceeding Series**, 2002 - cs.cmu.edu

... toolset we have modified our existing **design-time** tools to observe and analyze the architecture, and developed new tools to **capture** the **knowledge** particular to ...

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Integrated Analysis and Design of Knowledge Systems and Processes- ► [navy.mil](#) [PDF]

M Nissen, M Kamel, K Sengupta - **Knowledge Management and Virtual Organizations**, 2000 - books.google.com

... Page 228. Integrated Analysis and **Design of Knowledge Systems** 217 moving into **knowledge capture** and formalization, and then system **design** and implemen-tation. ...

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Seeding, evolutionary growth and reseeding: supporting the incremental development of design ...

G Fischer, R McCall, J Ostwald, B Reeves, F ... - **Proceedings of the SIGCHI conference on Human factors in ...**, 1994 - portal.acm.org

... domains complete coverage is not possible. Therefore, the seed is explicitly designed to **capture design knowledge** during use [10]. ...

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[PDF] ► **Successful knowledge management projects**

TH Davenport, DW De Long, MC Beers - **Sloan Management Review**, 1998 - njit.edu

... drew heavily from the firm's centralized **knowledge** centers, accessing previous presentations to oilier clients, process and system **design** specifications, work ...

Cited by 1241 - [Related articles](#) - [Web Search](#) - [All 9 versions](#)

Design Repositories: Engineering Design's New Knowledge Base

S Szykman, RD Sriram, C Bochenek, JW Racz, J ... - **IEEE INTELLIGENT SYSTEMS**, 2000 - doi.ieeeecs.org

Engineers are increasingly turning to **design** repositories as **knowledge** bases to help them represent, **capture**, share, and reuse corporate **design knowledge**. ...

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WC Regli, X Hu, M Atwood, W Sun - **Engineering with Computers**, 2000 - Springer

... Keywords. **Design** history; **Design** intent; **Design** rationale **capture**; Engineering **design** process; **Knowledge** management; Software **design**; User interface **design** ...

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A Design Theory for Systems That Support Emergent Knowledge Processes

ML Markus, A Majchrzak - **MIS Quarterly**, 2002 - jstor.org

... Keywords: IS **design** theory, IS development, emergent **knowledge** process, **knowledge** management ISRL Categories: AH05, AC04, FA, HA, HD Introduction ...

[PS] ► Toward a **knowledge** medium for collaborative product development

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M REZAYAT - Computer-aided design, 2000 - cat.inist.fr

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[CITATION] **Facilitating tacit knowledge capture and reuse in conceptual design activities**

S Yen, R Fruchter, L Leifer - Proc. ASME Design Theory and Methodology Conference, DETC99/ ..., 1999

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[PDF] ► **Exploiting architectural design knowledge to support self-repairing systems**

B Schmerl, D Garlan - ACM International Conference Proceeding Series, 2002 - cs.cmu.edu

... toolset we have modified our existing design-time tools to observe and analyze the architecture, and developed new tools to capture the knowledge particular to ...

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Integrated Analysis and Design of Knowledge Systems and Processes- ► navy.mil [PDF]

M Nissen, M Kamel, K Sengupta - Knowledge Management and Virtual Organizations, 2000 - books.google.com

... Page 228. Integrated Analysis and Design of Knowledge Systems 217 moving into knowledge capture and formalization, and then system design and implementation. ...

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Web-Based Knowledge Management for Distributed Design

NHM Caldwell, PJ Clarkson, PA Rodgers, AP Huxor - IEEE INTELLIGENT SYSTEMS, 2000 - doi.ieeeecs.org

... Back to Top. System Examples. WebCADET operates in three distinct modes: design guidance, knowledge viewing, and knowledge capture. ...

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Sketching for knowledge capture: a progress report- ► northwestern.edu [PDF]

KD Forbus, J Usher - Proceedings of the 7th international conference on ..., 2002 - portal.acm.org

... in interaction flexibility, because we are, through the design of the ... However, for the task of knowledge capture, these additional requirements are especially ...

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A design knowledge management system to support collaborative information product evolution

A Tiwana, B Ramesh - Decision Support Systems, 2001 - Elsevier

... Elsevier Science BV All rights reserved. A design knowledge management system to support collaborative information product evolution. ...

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Design Repositories: Engineering Design's New Knowledge Base

S Szykman, RD Sriram, C Bochenek, JW Raczy, J ... - IEEE INTELLIGENT SYSTEMS, 2000 - doi.ieeeecs.org

Engineers are increasingly turning to design repositories as knowledge bases to help them represent, capture, share, and reuse corporate design knowledge. ...

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[PDF] ► **Managing, mapping, and manipulating conceptual knowledge**

A Cañas, D Leake, D Wilson - ... on Exploring Synergies of Knowledge Management and Case- ..., 1999 - fihmc.net

... different experts conceptualize designs very differently. This has resulted in a push to capture design knowledge in the form of CMaps. ...

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